2022/01/22 08:56 1/2 Topic 7 - Control

## **Topic 7 - Control**

## **Centralized Control System**

- 7.1.1 Discuss a range of control systems
- 7.1.2 Outline the uses of microprocessors and sensor input in control systems
- 7.1.3 Evaluate different input devices for the collection of data in specified situations
- 7.1.4 Explain the relationship between a sensor, the processor and an output transducer
- 7.1.5 Describe the role of feedback in a control system
- 7.1.6 Discuss the social impacts and ethical considerations associated with the use of embedded systems

**Distributed Systems** 

- 7.1.7 Compare a centrally controlled system with a distributed system
- 7.1.8 Outline the role of autonomous agents acting within a larger system

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